Philips
LCD widescreen monitor

19.1" wide
WXGA+

190VW8FB

The best value for the money in widescreen display

The Vista-empowered 190VW8 delivers efficient, optimized widescreen display for your favorite, most frequently used applications and PerfecTune by Philips for the best ever LCD display quality at the price of a smaller conventional display.

Best total cost of ownership solution
- SmartManage compatibility enables LAN-based asset management
- PerfecTune ensures top quality LCD display delivered to you
- Empowered for Windows Vista
- Power consumption below the industry average

Designed for maximum productivity
- Display more images and content without scrolling

Outstanding front of screen performance
- WXGA+, wide format 1440 x 900 resolution for sharper display
- SmartImage: For an optimized display experience

Great convenience
- Cable management for a tidy work space
- Hassle-free display performance tuning with SmartControl II
- Embedded power supply eliminates external power adaptors
- Adjust display settings with hot key or on-screen controls

PHILIPS
sense and simplicity

LCD widescreen monitor
19.1" wide WXGA+

190VW8FB/96

Specifications

Picture/Display
- LCD panel type: 1440 x 900 pixels, Anti-glare polarizer, RGB vertical stripe
- Panel Size: 19.1"/ 48.1 cm
- Effective viewing area: 410.4 x 256.5 mm
- Pixel pitch: 0.285 x 0.285 mm
- Brightness: 300 cd/m²
- Contrast ratio (typical): 800:1
- SmartContrast ratio (dynamic): 3500:1
- Display colors: 16.7 M
- Viewing angle: 176° (H) / 170° (V), @ C/R > 5
- Response time (typical): 5 ms
- Maximum Resolution: 1440 x 900 @ 75 Hz
- Recommended Resolution: 1440 x 900 @ 60 Hz
- Video Dot Rate: 140 MHz
- Horizontal Scanning Frequency: 30 - 83 kHz
- Vertical Scanning Frequency: 56 - 75 Hz
- Picture enhancement: SmartImage
- sRGB
- Aspect ratio: 16:10
- White Chromaticity, 6500K: x = 0.313 / y = 0.329
- White Chromaticity, 9300K: x = 0.283 / y = 0.297

Connectivity
- Signal Input: Analog (VGA)
- Video Sync Input Signal: Composite Sync, Separate Sync, Sync on Green
- Video input impedance: 75 ohm
- Sync input impedance: 2.2k ohm
- Video input signal levels: 0.7 Vpp

Convenience
- Convenience Enhancements: On-screen Display, SmartControl II, SmartManage enabled
- Monitor Controls: SmartImage, Auto (Back), Input (Down), Brightness (Up), Menu (OK), Power On/Off
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish
- Other convenience: Kensington lock compatible
- Plug & Play Compatibility: DDC/CI, Windows 98/ ME/2000/XP/Vista
- Regulatory Approvals: CE Mark, E2000, EMC, Energy Star, FCC-B, UL, CSA, TCO '03, TÜV/GS, TÜV Ergo
- Tilt: -5° to 20°
- VESA Mount: 100 x 100 mm

Accessories
- Included Accessories: AC Power Cord, VGA cable
- User Manual

Dimensions
- Box dimensions (W x H x D): 500 x 415 x 149 mm
- Box dimensions in inch (W x H x D): 19.7 x 16.3 x 5.9 inch
- Set dimensions (W x H x D): 452.2 x 303.5 x 66.1 mm
- Set dimensions in inch (W x H x D): 17.8 x 11.9 x 2.6 inch
- Set dimensions with stand (W x H x D): 452.2 x 375.3 x 183.2 mm
- Set dimensions with stand in inch (W x H x D): 17.8 x 14.8 x 7.2 inch
- MTBF: 50,000 (excl. CCFL 40,000) hrs
- Relative humidity: 20% - 80%
- Temperature range (operation): 0°C to 40°C
- Temperature range (storage): -20°C to 60°C
- Product weight (+stand): 4.4 kg
- Product weight (+stand) (lb): 9.7 lb
- Weight incl. Packaging: 5.3 kg
- Weight incl. Packaging (lb): 11.7

Power
- Complies with: Energy Star
- Consumption: < 36 W (Typical)
- Consumption (economy mode): 28 W
- Off Mode: < 1 W
- Power LED indicator: Stand by/sleep - Amber, Operation - green
- Power supply: Built-in, 100-240VAC, 50/60Hz

Product highlights

SmartManage enabled
SmartManage is a system for monitoring, managing and checking status of display devices as well as delivering remote support to users who experience difficulties - all accomplished over a LAN.

PerfecTune
PerfectTune is industry-leading, proprietary Philips testing and algorithm technology for monitor adjustment and fine tuning, an extensive process that ensures ultimate display performance in compliance with a standard four-times more stringent than Microsoft's Vista requirements from each and every monitor that leaves the factory - not just a few review samples. Only Philips goes to these lengths to deliver this exacting level of color accuracy and display quality in every new monitor.

Windows Vista ready
Philips Vista-ready monitors are empowered for vibrant, exciting display of this new, visually sophisticated and demanding Windows operating system, designed to enhance your entertainment experience, make you more productive and help you control your computing experience at home and in the office, making viewing, finding and organizing information for work or play quick, efficient and easy.

Lower power consumption
Reduction of the electrical power required to operate a device.

Large viewing area
Viewing area is the visible portion of a monitor screen available for displaying data.

WXGA+ 1440 x 900 resolution
WXGA+ or Wide Extended Graphics Array plus is a standard indicating a graphics monitor's ability to display up to the resolutions 1440 by 900 pixels and supports simultaneous display of more than one million colors. WXGA allows monitors to be non-interlaced for better display performance and increased color accuracy.

SmartImage
SmartImage is an exclusive, leading edge Philips technology that analyzes the content displayed on your screen. Based on a scenario you select, SmartImage dynamically enhances the contrast, color saturation and sharpness of images and videos for ultimate display performance - all in real time with the press on a single button.

Cable management
Cable management is a system that maintains tidy workspace by organizing cables and wires required for the operation of a display device.

SmartControl II
SmartControl II is monitor-based software with an easy-to-use on-screen graphic interface that guides you through fine-tuning resolution, color calibration and other display settings including brightness, contrast, clock & phase, position, RGB, white point and - on models with onboard speakers - volume adjustments.

Embedded power supply
An embedded power supply is a power adaptor built into the body of a display device that replaces a bulky external power adaptor.

User friendly hot key and OSD
The user friendly hot key and on-screen display controls are dual systems for conveniently fine-tuning display settings to meet a variety of needs. Press the hot key on your monitor's frame for automatic picture, quick contrast and brightness control or use the on-screen display feature to fine-tune your display settings.

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